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United States Patent [19][11] **Patent Number:** **5,715,524****Jambhekar et al.**[45] **Date of Patent:** **Feb. 3, 1998****[54] RADIO COMMUNICATION DEVICE WITH
MOVABLE HOUSING ELEMENT CONTROL**

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455/550; 455/566

[58] **Field of Search** **455/89, 90, 128,**
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557; 379/433, 434, 428, 58, 59; D14/138,
240

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[57] ABSTRACT

A radio communication device (103) provides several radio communication services including radiotelephone service, electronic mail service, faxing service etc. . . . The radio communication device has a main body housing element (107) and a movable housing element (109), radio circuitry (113), a touch screen display (119), and a switch (127). In a closed position, the radio communication device (103) has a first set of limited radiotelephone functions such as phone number input and sending and receiving phone calls. In an opened position, the radio communication device (103) has a different set of user functions which include radiotelephone functions, advanced radiotelephone functions, and messaging functions. The switch (127) provides a signal responsive to the movable housing element (109) moving to the open position. Thus, switching the radio communication device (103) between a first set of user functions and the second set of user functions.

7 Claims, 4 Drawing Sheets